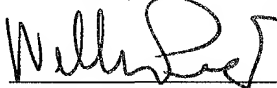


REMARKS

Claims 1 and 2, and the abstract have been amended to define the features of the invention more properly and to improve the Examination process. The amendments to the claims are not made in view of any prior art, do not narrow the scope of the claims and thus should not give rise to any estoppel.

Should the Examiner have any questions or comments about the above, he is respectfully requested to contact the undersigned at the below-listed telephone number.

Respectfully submitted,
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October 5, 2001
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A MARKED-UP COPY OF THE CLAIMS

IN THE CLAIMS

1. (Amended) [An improved ultra-slim] A disk-spindle motor [of the type] having: a base plate [200] having a circular hole at a central portion thereof; a housing [210] fixedly inserted into the circular hole of the base plate; a fixed shaft [220] formed integrally with the housing at an upper central portion of the housing [210]; a stator [230] bonded to an upper end portion of an inner circumferential face of the circular hole; a lower ball bearing [241] bonded to a lower side of an outer circumferential face of the fixed shaft [220], an upper ball bearing [242] spaced [apart] by a certain interval from the lower ball bearing [241] and bonded to an upper side of the outer circumferential face of the fixed shaft [220], [wherein the improvement comprises] and further comprising:

a cylindrical hub [250] of which both ends are opened, the cylindrical hub having an inner protruding portion [251] formed along a central portion of an inner circumferential face of the hub and an outer protruding portion [252] formed along an upper side of the outer circumferential face of the hub, the inner protruding portion [251] being fixedly inserted between the lower ball bearing [241] and the upper ball bearing [242];

a permanent magnet [260] bonded to a lower side of an outer circumferential face of the outer protruding portion [252] of the hub [250];

a disk [270] mounted on an upper face of the inner protruding portion [252] of the hub [250]; and

a clamp [280] fixed [with] to the hub using a bolt [281 and 282] in order to mount the disk [270].

2. (Amended) [An improved ultra-slim] A disk-spindle motor [of the type] having: a base plate [300] having a circular hole at a central portion of the base plate; a housing [310] fixedly inserted into the circular hole of the base plate; a cylindrical fixed shaft [320] formed integrally with the housing at an upper central portion of the housing [310] and having a jaw portion at a central portion of an outer circumferential face of the housing; a stator [330] bonded to an upper end portion of an inner circumferential face of the circular hole of the base plate [300]; a thrust pad [340] vertically inserted at the fixed shaft [320] and mounted on the jaw portion of the fixed shaft [320], [wherein the improvement comprises] and further comprising:

a cylindrical hub [350] of which both ends are opened, the cylindrical hub [350] having an outer protruding portion [351] protruding from an upper side of an outer circumferential face of the hub and an inner protruding portion [352] protruding along a lower side of an inner circumferential face of the hub, the cylindrical hub spaced [apart] by a certain interval from the thrust pad [340];

P20978.A02

a permanent magnet [360] bonded to a lower side of an outer circumferential face of the outer protruding portion [351] of the hub [350];

a disk [370] mounted on the outer protruding portion [351] of the hub [350]; and

a clamp [380] fixed [with] to the hub using a bolt [381 and 382] in order to mount the disk [370].